

REMARKS

Applicant wishes to thank the Examiner for the courtesy of an interview granted to Applicant's representative, Sanford T. Colb, on 8 October 2002. In the course of the interview, the Examiner suggested various corrections to the claims whose intention is to improve the clarity thereof. These corrections are effected herein.

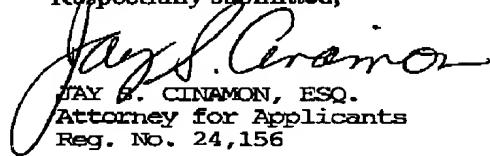
The Interview Summary states as follows:

Applicant explained novelty over his known prior art being that streaming audio is provided from the computer network over the telephone network. Further, the instant messaging protocol providing buddy list via telephone appears novel.

Applicant reserves the right to pursue all claims as originally filed in the context of a continuation case.

In view of the foregoing remarks, all of the claims are believed to be in condition for allowance. Favorable reconsideration and allowance of the application is respectfully requested.

Respectfully submitted,


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1. (Twice Amended) — A voice communication system according to claim 221,
_____ the computer network enabling e-mail communication between said nodes and also comprising
_____ a multiplicity of voice response computers, each voice response computer being connected to a node of said computer network and being actuatableactuated by an input received from one of said multiplicity of telephones via said telephone network for communicating voice received via said one of said multiplicity of telephones via e-mail over said computer network.
2. (Twice Amended) — A voice communication system according to claim 221,
_____ the computer network enabling e-mail communication between said nodes and also comprising —
_____ a multiplicity of voice response computers, each voice response computer being connected to a node of said computer network and being actuatableactuated by an input received from one of said multiplicity of voice response computers via said computer network for receiving voice communicated via e-mail over said computer network and providing a voice output to a telephone via said telephone network.
3. (Twice Amended) — A voice communication system according to claim 221,
_____ the computer network enabling e-mail communication between said nodes and also comprising
_____ a multiplicity of voice response computers, each voice response computer being connected to a node of said computer network and being actuatableactuated by an input received from one of said multiplicity of telephones via said telephone network for communicating voice received via said one of said multiplicity of telephones via e-mail over said computer network, each voice response computer also being actuatableactuated by an input received from one of said multiplicity of voice response computers via said computer network for receiving voice communicated via e-mail over said computer network and providing a voice output to a

telephone via said telephone network.

4. (Twice Amended) — A voice communication system according to claim 221,

the computer network enabling e-mail communication between said
nodes;

the system also comprising:

a multiplicity of voice response computers, each voice response
computer being connected to a node of said computer network and being
actuableactuated by an input received from one of said multiplicity of telephones via
said telephone network for communicating voice received via said one of said
multiplicity of telephones via a non-streaming Internet protocol over said computer
network,_____-

wherein the system also provides buddyInstant Messaging protocol
functionality whereby communications are sent to user-selected buddiesuser-selected
destinations via said computer network.

5. (Twice Amended) — A voice communication system according to claim 221 and also
comprising:

a multiplicity of voice response computers, each voice response
computer being connected to a node of said computer network and being
actuableactuated by an input received from one of said multiplicity of voice response
computers via said computer network for receiving voice communicated via a non-
streaming Internet protocol over said computer network and providing a voice output to
a telephone via said telephone network,

wherein the system also provides buddyInstant Messaging protocol
functionality whereby communications are sent from user-selected buddiesuser-
selected destinations via said computer network.

6. (Twice Amended) — A voice communication system according to claim 221,

the computer network enabling e-mail communication between said
nodes;

the system also comprising:

_____ a multiplicity of voice response computers, each voice response computer being connected to a node of said computer network and being actuableactuated by an input received from one of said multiplicity of telephones via said telephone network for communicating voice received via said one of said multiplicity of telephones via a non-streaming Internet protocol over said computer network, each voice response computer also being actuableactuated by an input received from one of said multiplicity of voice response computers via said computer network for receiving voice communicated via a non-streaming Internet protocol over said computer network and providing a voice output to a telephone via said telephone network.

_____ the system also providing buddyInstant Messaging protocol functionality whereby communications are sent to user-selected buddies user-selected destinations via said computer network.

7. (Twice Amended) — A communication system according to claim 221 —
_____ wherein said telephone network comprises a cellular telephone network;

_____ the system also comprising
_____ a multiplicity of computers, each computer being connected to a node of said computer network and being actuableactuated by an input received from one of said multiplicity of telephones via said telephone network for communicating messages received via said one of said multiplicity of telephones via a telephone compatible Internet communication language over said computer network, at least one of senders or recipients of said messages being user-selectedbuddies destinations.

8. (Twice Amended) — A communication system according to claim 221 —
_____ wherein said telephone network comprises a cellular telephone network;

_____ the system also comprising
_____ a multiplicity of computers, each computer being connected to a node of said computer network and being actuableactuated by an input received from one of said multiplicity of voice response computers via said computer network for

receiving messages communicated via a telephone compatible Internet communication language over said computer network and providing a telephone compatible Internet communication language output to a telephone via said telephone network, at least one of senders or recipients of said messages being user-selected buddies destinations.

9. (Twice Amended) — A communication system according to claim 221 —
— wherein said telephone network comprises a cellular telephone network;

— the system also comprising
— a multiplicity of computers, each computer being connected to a node of said computer network and being actuableactuated by an input received from one of said multiplicity of telephones via said telephone network for communicating messages received via said one of said multiplicity of telephones via a telephone compatible Internet communication language over said computer network, each computer also being actuableactuated by an input received from one of said multiplicity of computers via said computer network for receiving messages communicated over said computer network and providing a telephone compatible Internet communication language output to a telephone via said telephone network, at least one of senders or recipients of said messages being user-selected buddies destinations.

17. (Amended) — A communication system according to claim 1 and also providing buddyInstant Messaging protocol functionality whereby communications are sent to user-selected buddies user-selected destinations via said computer network.

18. (Amended) — A communication system according to claim 1 and also providing buddyInstant Messaging protocol functionality whereby communications are sent to user-selected buddies user-selected destinations via said computer network indicating that a user is communicating using a user's telephone via said telephone network with a user's voice response computer.

19. (Amended) — A communication system according to claim 1 and also providing buddyInstant Messaging protocol functionality whereby communications are sent to

~~user-selected buddies user-selected destinations~~ via said computer network indicating that a user has communicated voice via said telephone network and said computer network using a user's telephone and a user's voice response computer.

20. (Amended) — A communication system according to claim 1 and wherein said voice response computers are operative to convert Dual Tone Multi Frequency (DTMF) to an Instant Messaging buddy communication protocol.

22. (Amended) — A communication system according to claim 21 and wherein said database is a Structured Query Language a (SQL) database.

24. (Amended) — A communication system according to claim 1 and wherein said multiplicity of voice response computers are actuated by the sender entering an e-mail address of a recipient via Dual Tone Multi Frequency (DTMF) codes.

27. (Amended) — A communication system according to claim 2 and also providing buddyInstant Messaging protocol functionality whereby communications are sent from ~~user-selected buddies user-selected destinations~~ via said computer network.

28. (Amended) — A communication system according to claim 2 and also providing buddyInstant Messaging protocol functionality whereby communications are sent from ~~user-selected buddies user-selected destinations~~ via said computer network indicating that a user is communicating using a user's telephone via said telephone network with a user's voice response computer.

29. (Amended) — A communication system according to claim 2 and also providing buddyInstant Messaging protocol functionality whereby communications are sent from ~~user-selected buddies user-selected destinations~~ via said computer network indicating that a user has communicated voice via said telephone network and said computer network using a user's telephone and a user's voice response computer.

32. (Amended) — A communication system according to claim 3 and also providing

buddyInstant Messaging protocol functionality whereby communications are sent to user-selected buddies user-selected destinations via said computer network.

33. (Amended) — A communication system according to claim 3 and also providing buddyInstant Messaging protocol functionality whereby communications are sent to user-selected buddies user-selected destinations via said computer network indicating that a user is communicating using a user's telephone via said telephone network with a user's voice response computer.

34. (Amended) — A communication system according to claim 3 and also providing buddyInstant Messaging protocol functionality whereby communications are sent to user-selected buddies user-selected destinations via said computer network indicating that a user has communicated voice via said telephone network and said computer network using a user's telephone and a user's voice response computer.

36. (Amended) — A communication system according to claim 4 and also providing buddyInstant Messaging protocol functionality whereby communications are sent to user-selected buddies user-selected destinations via said computer network indicating that a user is communicating using a user's telephone via said telephone network with a user's voice response computer.

37. (Amended) — A communication system according to claim 4 and also providing buddyInstant Messaging protocol functionality whereby communications are sent to user-selected buddies user-selected destinations via said computer network indicating that a user has communicated voice via said telephone network and said computer network using a user's telephone and a user's voice response computer.

38. (Amended) — A communication system according to claim 4 and wherein said voice response computers are operative to convert Dual Tone Multi Frequency (DTMF) to an Instant Messaging buddy-communication protocol.

44. (Amended) — A communication system according to claim 5 and also providing

~~buddy~~Instant Messaging protocol functionality whereby communications are sent from ~~user-selected buddies~~ user-selected destinations via said computer network indicating that a user is communicating using a user's telephone via said telephone network with a user's voice response computer.

45. (Amended)—A communication system according to claim 5 and also providing ~~buddy~~Instant Messaging protocol functionality whereby communications are sent from ~~user-selected buddies~~ user-selected destinations via said computer network indicating that a user has communicated voice via said telephone network and said computer network using a user's telephone and a user's voice response computer.

49. (Amended)—A communication system according to claim 6 and also providing ~~buddy~~Instant Messaging protocol functionality whereby communications are sent to ~~user-selected buddies~~ user-selected destinations via said computer network indicating that a user is communicating using a user's telephone via said telephone network with a user's voice response computer.

50. (Amended)—A communication system according to claim 6 and also providing ~~buddy~~Instant Messaging protocol functionality whereby communications are sent to ~~user-selected buddies~~ user-selected destinations via said computer network indicating that a user has communicated voice via said telephone network and said computer network using a user's telephone and a user's voice response computer.

56. (Amended)—A communication system according to claim 55 and wherein said transmitter transmits said sender's voice via Hypertext Transfer Protocol (HTTP) PUT to said web server.

57. (Amended)—A communication system according to claim 55 and wherein the transmitter spools the sender's voice to an Simple Mail Transfer Protocol (SMTP) server.

59. (Amended)—A communication system according to claim 55 and wherein said

web server includes a Simple Mail Transfer Protocol a (SMTP) server.

60. (Amended)—_A communication system according to claim 55 and wherein said web server includes a Hypertext Transfer Protocol a (HTTP) server enabled to handle PUT commands.

84. (Amended)—_The system of claim 83 wherein the audio file is a Wave WAV file.

85. (Amended)—_The system of claim 84 wherein the audio file is a compressed Wave WAV file.

97. (Amended)—_The method of claim 94 wherein the local audio file is a Wave WAV file.

98. (Amended)—_The method of claim 94 wherein the local audio file is a compressed Wave WAV file.

112. (Amended)—_The system of claim 109 wherein the local audio file is a Wave WAV file.

113. (Amended)—_The system of claim 109 wherein the local audio file is a compressed Wave WAV file.

116. (Amended) The system of claim 115 wherein the audio file is a Wave WAV file.

117. (Amended) The system of claim 115 wherein the audio file is a compressed Wave WAV file.

122. (Amended)—_The system of claim 121 wherein the designated file format is a Wave WAV-format.

123. (Amended)—_The system of claim 121 wherein the designated file format is a

compressed ~~WAV~~ Wave format.

142. (Amended)—The system of claim 141 wherein the designated file format is a ~~Wave~~ WAV format.

143. (Amended)—The system of claim 141 wherein the designated file format is a compressed Wave ~~WAV~~ format.

145. (Amended)—A method of voice communication according to claim 144 and also comprising the step of providing ~~buddy~~ Instant Messaging protocol functionality whereby communications are sent to ~~user-selected buddies~~ user-selected destinations via said computer network.

146. (Amended)—A method of voice communication according to claim 144 and also comprising the step of providing ~~buddy~~ Instant Messaging protocol functionality whereby communications are sent to ~~user-selected buddies~~ user-selected destinations via said computer network indicating that a user is communicating using a user's telephone via said telephone network with a user's voice response computer.

147. (Amended)—A method of voice communication according to claim 144 and also comprising the step of providing ~~buddy~~ Instant Messaging protocol functionality whereby communications are sent to ~~user-selected buddies~~ user-selected destinations via said computer network indicating that a user has communicated voice via said telephone network and said computer network using a user's telephone and a user's voice response computer.

148. (Amended)—A method of voice communication according to claim 144 and wherein said voice response computers are operative to convert Dual Tone Multi Frequency (DTMF) to an Instant Messaging ~~buddy~~-communication protocol.

150. (Amended)—A method of voice communication according to claim 149 and wherein said database is an SQL ~~a Structured Query Language (SQL)~~ database.

156. (Amended)—A method of voice communication according to claim 155 and also providing buddyInstant Messaging protocol functionality whereby communications are sent from user-selected buddies-user-selected destinations via said computer network.

157. (Amended)—A method of voice communication according to claim 155 and also providing buddyInstant Messaging protocol functionality whereby communications are sent from user-selected buddies-user-selected destinations via said computer network indicating that a user is communicating using a user's telephone via said telephone network with a user's voice response computer.

158. (Amended)—A method of voice communication according to claim 155 and also providing buddyInstant Messaging protocol functionality whereby communications are sent from user-selected buddies-user-selected destinations via said computer network indicating that a user has communicated voice via said telephone network and said computer network using a user's telephone and a user's voice response computer.

162. (Amended)—A method of voice communication according to claim 161 and also providing buddyInstant Messaging protocol functionality whereby communications are sent to user-selected buddies-user-selected destinations via said computer network.

163. (Amended)—A method of voice communication according to claim 161 and also providing buddyInstant Messaging protocol functionality whereby communications are sent to user-selected buddies-user-selected destinations via said computer network indicating that a user is communicating using a user's telephone via said telephone network with a user's voice response computer.

164. (Amended)—A method of voice communication according to claim 161 and also providing buddyInstant Messaging protocol functionality whereby communications are sent to user-selected buddies-user-selected destinations via said computer network indicating that a user has communicated voice via said telephone network and said computer network using a user's telephone and a user's voice response computer.

166. (Amended) — A method of voice communication according to claim 165 and also providing buddy Instant Messaging protocol functionality whereby communications are sent to user-selected buddies user-selected destinations via said computer network.

167. (Amended) — A method of voice communication according to claim 165 and also providing buddy Instant Messaging protocol functionality whereby communications are sent to user-selected buddies user-selected destinations via said computer network indicating that a user is communicating using a user's telephone via said telephone network with a user's voice response computer.

168. (Amended) — A method of voice communication according to claim 165 and also providing buddy Instant Messaging protocol functionality whereby communications are sent to user-selected buddies user-selected destinations via said computer network indicating that a user has communicated voice via said telephone network and said computer network using a user's telephone and a user's voice response computer.

169. (Amended) — A method of voice communication according to claim 165 and comprising the step of operating said voice response computers to convert Dual Tone Multi Frequency (DTMF) to an Instant Messaging buddy communication protocol.

171. (Amended) — A method of voice communication according to claim 165 and comprising the step of actuating said multiplicity of voice response computers by entering an e-mail address of a recipient via Dual Tone Multi Frequency (DTMF) codes.

174. (Twice Amended) — A method for voice communication according to claim 216 and also comprising the steps of:

— connecting a multiplicity of voice response computers, each voice response computer being connected to a node of said computer network; and

— actuating an input received from one of said multiplicity of voice response computers via said computer network for receiving voice communicated via a

non-streaming internet protocol over said computer network and providing a voice output to a telephone via said telephone network,

_____ the method also providing buddyInstant Messaging protocol functionality whereby communications are sent from user-selected buddies user-selected destinations via said computer network indicating that a user has communicated voice via said telephone network and said computer network using a user's telephone and a user's voice response computer.

176. (Amended) — A method of voice communication according to claim 174 and also providing buddyInstant Messaging protocol functionality whereby communications are sent from user-selected buddies user-selected destinations via said computer network indicating that a user is communicating using a user's telephone via said telephone network with a user's voice response computer.

181. (Amended) — A method of voice communication according to claim 180 and also providing buddyInstant Messaging protocol functionality whereby communications are sent to user-selected buddies user-selected destinations via said computer network.

182. (Amended) — A method of voice communication according to claim 180 and also providing buddyInstant Messaging protocol functionality whereby communications are sent to user-selected buddies user-selected destinations via said computer network indicating that a user is communicating using a user's telephone via said telephone network with a user's voice response computer.

183. (Amended) — A method of voice communication according to claim 181 and also providing buddyInstant Messaging protocol functionality whereby communications are sent to user-selected buddies user-selected destinations via said computer network indicating that a user has communicated voice via said telephone network and said computer network using a user's telephone and a user's voice response computer.

193. (Amended) — A method of voice communication according to claim 192 and comprising the step of transmitting said sender's voice via Hypertext Transfer Protocol

(HTTP) PUT to said web server of said transmitter.

194. (Amended)—_A method of voice communication according to claim 192 and comprising the step of spooling the sender's voice to a Simple Mail Transfer Protocol (SMTP) server of said transmitter.

196. (Amended)—_A method of voice communication according to claim 192 and comprising the step of including an Simple Mail Transfer Protocol (SMTP) server in said web server.

197. (Amended)—_A method of voice communication according to claim 192 and comprising the step of including a Hypertext Transfer Protocol (HTTP) server enabled to handle PUT commands in said web server.

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216. (Amended) A method of voice communication comprising the steps of:
providing a telephone network including a multiplicity of telephones
interconnected by telephone network interconnections;
providing a computer network having a multiplicity of nodes;
enabling non-streaming Internet protocol communication between said
nodes;
communicating to the telephone network a link to streaming audio via
said non-streaming Internet protocol communication; and
playing said streaming audio from said computer network over at least a
portion of said telephone network interconnections.
221. (Amended) Apparatus for voice communication comprising:
a telephone network including a multiplicity of telephones
interconnected by telephone network interconnections;
a computer network having a multiplicity of nodes and enabling non-
streaming Internet protocol communication between said nodes;
streaming audio link communication apparatus communicating to the
telephone network a link to streaming audio via said non-streaming Internet
protocol communication; and
a streaming audio player operative to play said streaming audio from
said computer network over at least a portion of said telephone network
interconnections.

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